



PATENT

UNITED STATES PATENT AND TRADEMARK OFFICE  
(Case No. 99,225)

In re Application of: )  
Chester A. Ruszczyk et al. )  
Serial No.: 09/727,069 ) Group Art Unit: 2188  
Filed: November 30, 2000 ) Examiner: Not Assigned  
For: METHOD FOR REDUCING )  
INTERFERENCE FROM )  
INITIALIZING NETWORK )  
DEVICES IN A DATA-OVER- )  
CABLE SYSTEM )

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MAR 13 2001  
TC 2100 MAILROOM

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
Washington, D.C. 20231

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Dear Sir:

Pursuant to 37 C.F.R. Section 1.97-1.98, and in accordance with the duty of candor set forth in 37 C.F.R. §1.56, applicants wish to make the following references of record in the above-identified application. Copies of the references cited below are enclosed along with a copy of completed PTO Form-1449.

CITED REFERENCES

I. U. S. Patents

|    | <u>Patent No.</u> | <u>Date</u> | <u>Name</u>     |
|----|-------------------|-------------|-----------------|
| 1) | 4,644,533         | 02-17-87    | Braff et al.    |
| 2) | 4,881,263         | 11-14-89    | Herbison et al. |
| 3) | 5,014,234         | 05-07-91    | Edwards, Jr.    |

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|     |           |          |                      |
|-----|-----------|----------|----------------------|
| 4)  | 5,138,712 | 08-11-92 | Corbin               |
| 5)  | 5,347,304 | 09-13-94 | Moura et al.         |
| 6)  | 5,442,749 | 08-15-95 | Northcutt et al.     |
| 7)  | 5,488,412 | 01-30-96 | Majeti et al.        |
| 8)  | 5,489,897 | 02-06-96 | Inoue                |
| 9)  | 5,583,931 | 12-10-96 | Schneider et al.     |
| 10) | 5,586,121 | 12-17-96 | Moura et al.         |
| 11) | 5,598,410 | 01-28-97 | Stone                |
| 12) | 5,600,717 | 02-04-97 | Schneider et al.     |
| 13) | 5,606,606 | 02-25-97 | Schneider et al.     |
| 14) | 5,608,446 | 03-04-97 | Carr et al.          |
| 15) | 5,623,542 | 04-22-97 | Schneider et al.     |
| 16) | 5,623,601 | 04-22-97 | Vu                   |
| 17) | 5,636,211 | 06-03-97 | Newlin               |
| 18) | 5,675,732 | 10-07-97 | Majeti et al.        |
| 19) | 5,710,885 | 01-20-98 | Bondi                |
| 20) | 5,761,602 | 06-02-98 | Wagner et al.        |
| 21) | 5,778,181 | 07-07-98 | Hidary et al.        |
| 22) | 5,790,198 | 08-04-98 | Roop, et al.         |
| 23) | 5,790,548 | 08-04-98 | Sistanizadeh, et al. |
| 24) | 5,790,677 | 08-04-98 | Fox, et al.          |
| 25) | 5,790,806 | 08-04-98 | Koperda              |
| 26) | 5,799,086 | 08-25-98 | Sudia                |
| 27) | 5,805,804 | 09-08-98 | Laursen, et al.      |
| 28) | 5,809,252 | 09-15-98 | Beighe et al.        |
| 29) | 5,812,819 | 09-22-98 | Rodwin et al.        |
| 30) | 5,818,845 | 10-06-98 | Moura, et al.        |
| 31) | 5,819,028 | 10-06-98 | Manghirmalani et al. |
| 32) | 5,819,042 | 10-06-98 | Hansen               |
| 33) | 5,828,655 | 10-27-98 | Moura, et al.        |

|     |           |          |                     |
|-----|-----------|----------|---------------------|
| 34) | 5,835,720 | 11-10-98 | Nelson et al.       |
| 35) | 5,835,727 | 11-10-98 | Wong et al.         |
| 36) | 5,841,777 | 11-24-98 | Cohen               |
| 37) | 5,852,721 | 12-22-98 | Dillon et al.       |
| 38) | 5,854,901 | 12-29-98 | Cole, et al.        |
| 39) | 5,859,852 | 01-12-99 | Moura, et al.       |
| 40) | 5,864,679 | 01-26-99 | Kanai, et al.       |
| 41) | 5,870,134 | 02-09-99 | Laubach, et al.     |
| 42) | 5,872,523 | 02-16-99 | Dellaverson, et al. |
| 43) | 5,884,024 | 03-16-99 | Lim et al.          |
| 44) | 5,903,558 | 05-11-99 | Jones et al.        |
| 45) | 5,913,037 | 06-15-99 | Spofford et al.     |
| 46) | 5,922,049 | 07-13-99 | Radia, et al.       |
| 47) | 5,922,051 | 07-13-99 | Sidey               |
| 48) | 5,923,659 | 07-13-99 | Curry, et al.       |
| 49) | 5,943,604 | 08-24-99 | Chen et al.         |
| 50) | 5,954,797 | 09-21-99 | Sidey               |
| 51) | 5,958,007 | 09-28-99 | Lee et al.          |
| 52) | 5,974,453 | 10-26-99 | Anderson et al.     |
| 53) | 5,996,076 | 11-30-99 | Rowney et al.       |
| 54) | 6,003,077 | 12-14-99 | Bawden et al.       |
| 55) | 6,005,851 | 12-21-99 | Craddock et al.     |
| 56) | 6,006,264 | 12-21-99 | Colby et al.        |
| 57) | 6,009,103 | 12-28-99 | Woundy              |
| 58) | 6,012,088 | 01-04-00 | Li et al.           |
| 59) | 6,013,107 | 01-11-00 | Blackshear et al.   |
| 60) | 6,014,545 | 01-11-00 | Wu et al.           |
| 61) | 6,018,767 | 01-25-00 | Fijolek et al.      |
| 62) | 6,041,041 | 03-21-00 | Ramanathan et al.   |
| 63) | 6,049,546 | 04-11-00 | Ramakrishnan        |

|     |           |          |                 |
|-----|-----------|----------|-----------------|
| 64) | 6,049,826 | 04-11-00 | Beser           |
| 65) | 6,052,724 | 04-18-00 | Willie et al.   |
| 66) | 6,058,421 | 05-02-00 | Fijolek et al.  |
| 67) | 6,065,049 | 05-16-00 | Beser           |
| 68) | 6,070,242 | 05-30-00 | Wong et al.     |
| 69) | 6,070,246 | 05-30-00 | Beser           |
| 70) | 6,073,178 | 06-06-00 | Wong et al.     |
| 71) | 6,075,787 | 06-13-00 | Bobeck et al.   |
| 72) | 6,091,709 | 07-18-00 | Harrison et al. |
| 73) | 6,094,431 | 07-25-00 | Yamato et al.   |
| 74) | 6,130,880 | 10-10-00 | Naudus et al.   |
| 75) | 6,157,965 | 12-05-00 | Mohammed et al. |
| 76) | 6,170,061 | 01-02-01 | Beser           |
| 77) | 6,185,624 | 02-06-01 | Fijolek et al.  |

## II. Other Documents

- 78) "Baseline Privacy Interface Specification (Interim) SP-BPI-I01-970922", MCNS Holdings, L.P., 1997, Pgs. ii to 65.
- 79) "Security System Specification (Interim Specification) SP-SSI-I01-970506", MCNS Holdings, L.P., 1997, Pgs. ii to 103.
- 80) "Cable Modem to Customer Premise Equipment Interface Specification (Interim) SP-CMCI-I02-980317", Multimedia Cable Network Systems (MCNS) Holdings, L.P., Cable Television Laboratories, Inc., 1998, Pgs. ii to 40.
- 81) "Operations Support System Interface Specification Baseline Privacy Interface MIB (Interim Specification) SP-OSSI-BPI-I01-980331", MCNS Holdings, L.P., 1997 and 1998, Pgs. ii to 33.
- 82) "Cable Modem Termination System-Network Side Interface Specification (Interim Specification) SP-CMTS-NSII01-960702", MCNS Holdings, L.P., 1996, Pgs. ii to 13.
- 83) "Removable Security Module Interface Specification (Interim Specification) SP-RSMI-I01-980204", MCNS Holdings, L.P., Cable Television Laboratories, Inc., 1997, Pgs. ii to 47.
- 84) "Operations Support System Interface Specification (Interim) SP-OSSII01-970403", MCNS Holdings, L.P., 1997, Pgs. 1 to 30.

- 85) "Radio Frequency Interface Specification (Interim Specification) SP-RFI-I02-971008", MCNS Holdings, L.P., 1997, Pgs. ii to 186.
- 86) "Cable Modem Telephony Return Interface Specification (Interim) SP-CMTRI-I01-970804", MCNS Holdings, L.P., Cable Television Laboratories, Inc., 1997, Pgs. ii to 73.
- 87) "Internet Engineering Task Force", Request for Comments 2131, Dynamic Host Configuration Protocol (DHCP), March 1997, Pgs. 1 to 42.
- 88) Kyees, P.J. et al., ADSL: A New Twisted-Pair Access to the Information Highway, IEEE Communications Magazine, Vol. 33, Issue 4, April 1995, pp. 52-60.
- 89) Huang, Yin-Hwa et al., Design of an MPEG-Based Set-Top Box for Video on Demand Services, Acoustics, Speech, and Signal Processing, 1995, ICASSP-95., 1995 International Conference, Vol. 4, ISBN: 0-7803-2431-5, May 9-12, 1995, pp. 2655-2658.
- 90) "Internet Engineering Task Force", Request for Comments 768, User Datagram Protocol, August 1980, pgs. 1 to 3.
- 91) "Internet Engineering Task Force", Request for Comments 791, Internet Protocol, September 1981, pgs. i to 45.
- 92) "Internet Engineering Task Force", Request for Comments 792, Internet Control Message Protocol, September 1981, pgs. 1 to 21.
- 93) "Internet Engineering Task Force", Request for Comments 1157, A Simple Network Management Protocol (SNMP), May 1990, pgs. 1 to 36.
- 94) "Internet Engineering Task Force", Request for Comments 1350, The TFTP Protocol (Revision 2), July 1992, pgs. 1 to 11.
- 95) S. Adiraju, J. Fijolek, IPCDN Telephony Return MIB, Internet Engineering Task Force, Internet Draft, "<draft-ietf-ipcdn-tri-mib-00.1.txt>," March 1998, Pgs. 1 to 26.
- 96) "A Solution for the Priority Queue Problem of Deadline-Ordered Service Disciplines," N.R. Figueira, IEEE International Conference on Computer Communications and Networks, September 22-25, 1997, pp.320-325.

### **III. Discussion**

Applicant submits that these documents, whether taken alone or in combination, fail to show or suggest the claimed subject matter. Applicant requests that the Examiner consider the entirety of each document and make them of record in this application. Applicant's submission of these documents for consideration is not to be construed as an admission that the documents

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qualify as prior art to the claimed subject matter, a representation that a search has been made, nor as an admission that the information is considered to be material to patentability.

Respectfully submitted,

**McDonnell, Boehnen, Hulbert & Berghoff**

Date: March 8, 2001

by:

  
\_\_\_\_\_  
Matthew J. Sampson  
Reg. No. 35,999

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Washington, D.C. 20231

Dear Sir:

In regard to the above identified application,

1. We are transmitting herewith the attached:
  - a) Information Disclosure Statement;
  - b) PTO-1449 Form;
  - b) Copies of Ninety-Six Cited References for 09/727,069; and
  - c) Postcard.
2. With respect to fees:
  - a) No fee is required.
  - b) Please charge any underpayment or credit any overpayment our Deposit Account, No. 13-2490.
3. **CERTIFICATE OF MAILING UNDER 37 CFR § 1.8:** The undersigned hereby certifies that this Transmittal Letter and the paper, as described in paragraph 1, are being deposited with the United States Postal Service with sufficient postage as first class mail in a box addressed to Commissioner for Patents, Washington, D.C. 20231 on March 8, 2001.

Respectfully submitted,

  
Matthew J. Sampson  
Registration No. 35,999